

FIG. 1

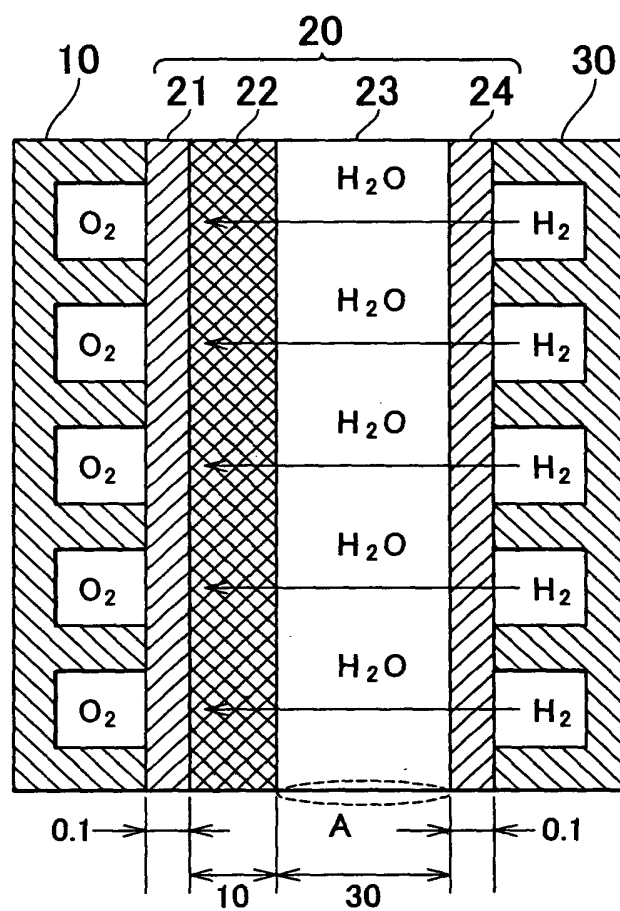


FIG. 2

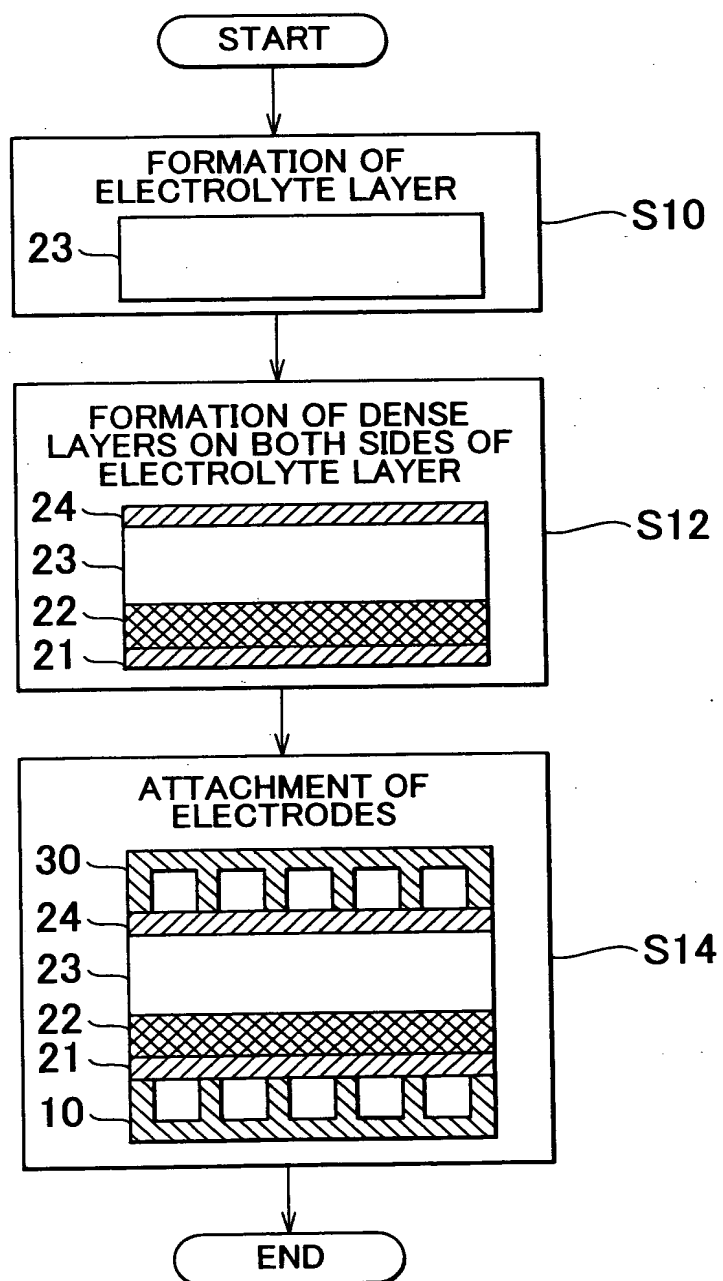


FIG. 3

CASE	O ₂ -ELECTRODE	OXYGEN-ELECTRODE-SIDE DENSE LAYER	ELECTROLYTE LAYER	HYDROGEN-ELECTRODE-SIDE DENSE LAYER	H ₂ -ELECTRODE
A		Pd		Pd	Pd
B		V-Ni		Pd	Pd
C		Pd		Pd	Pd

FIG. 4

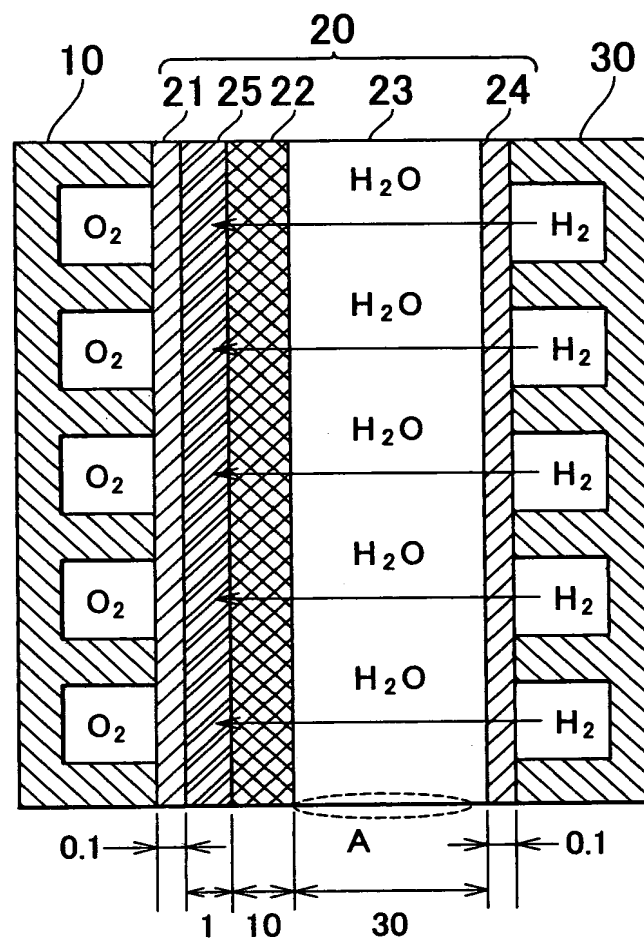


FIG. 5

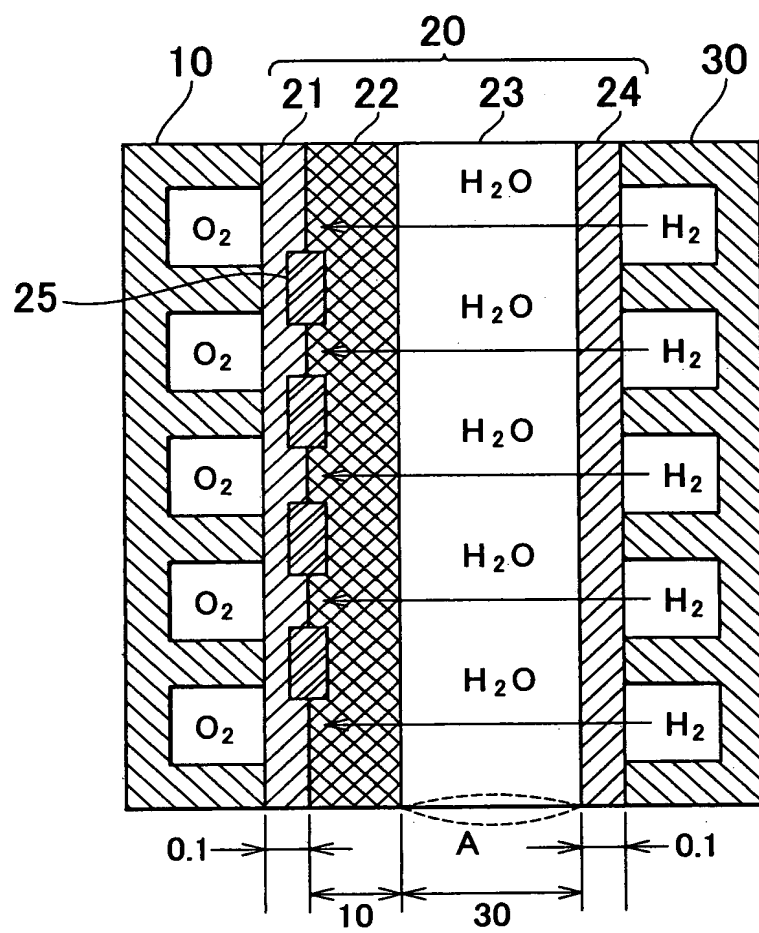


FIG. 6

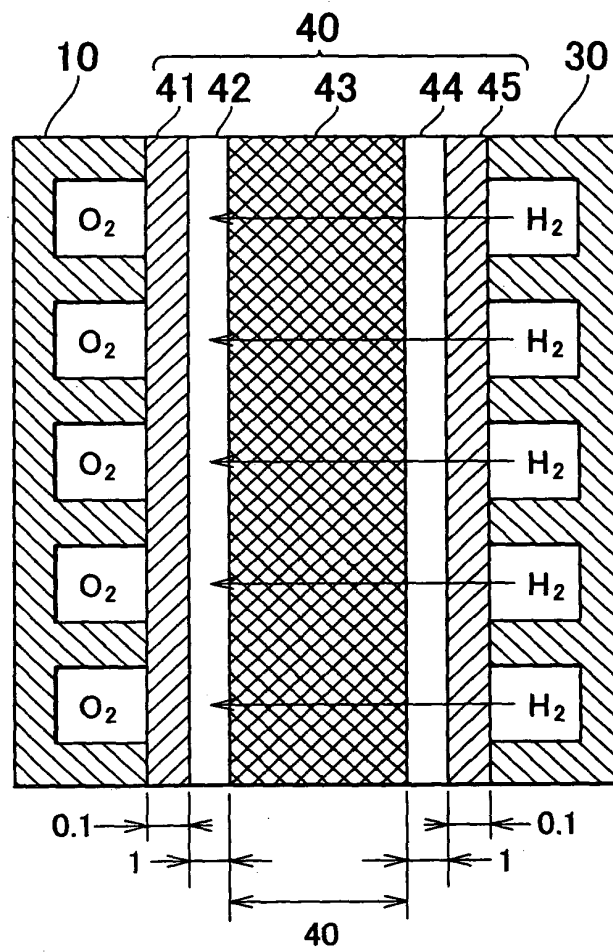


FIG. 7

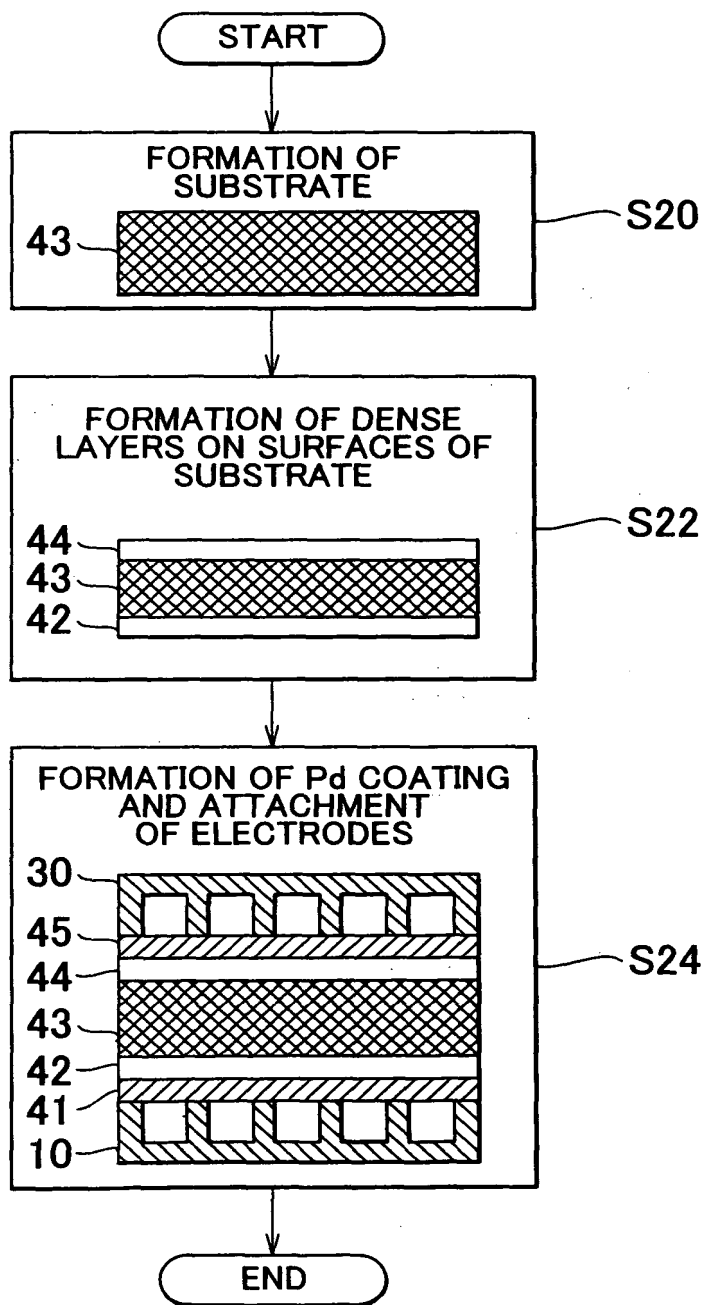


FIG. 8

CASE	O ₂ -ELECTRODE					H ₂ -ELECTRODE				
	L1		L2	L3	L4	L5				
	SUBSTRATE		ELECTROLYTE LAYER	SUBSTRATE	ELECTROLYTE LAYER	SUBSTRATE				
A	Pd		O	V	O	Pd				
	Pd	V	O	Pd	-	-				
C	V		O	-	-	-				
	Pd	V	O	-	-	-				
D	-		O	Pd	-	-				

FIG. 9

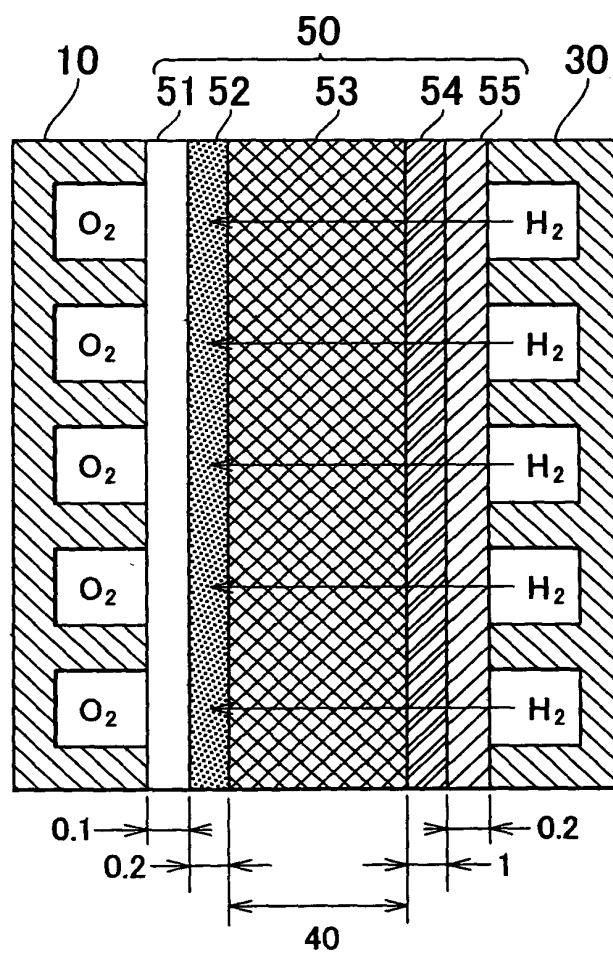


FIG. 10

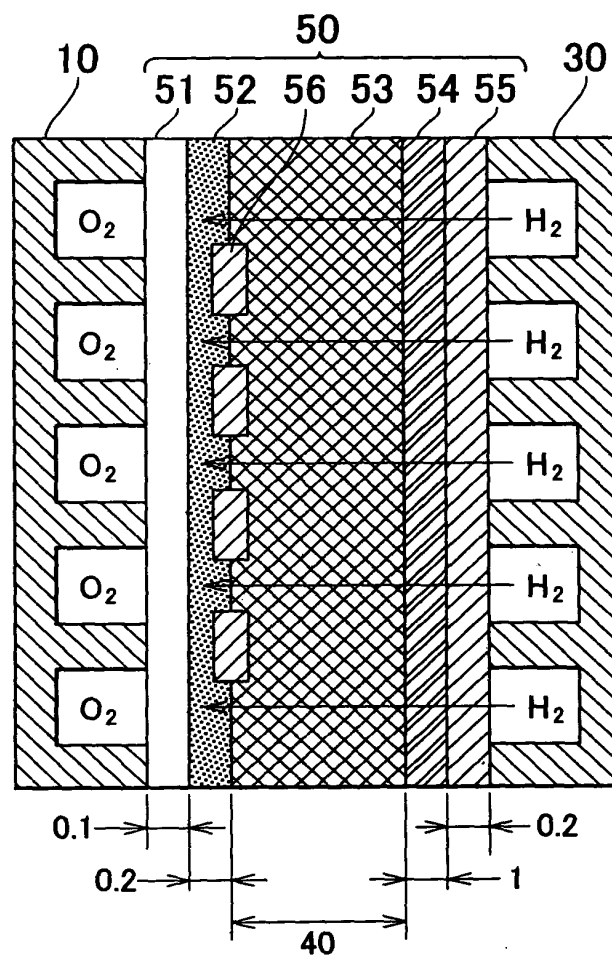


FIG. 11

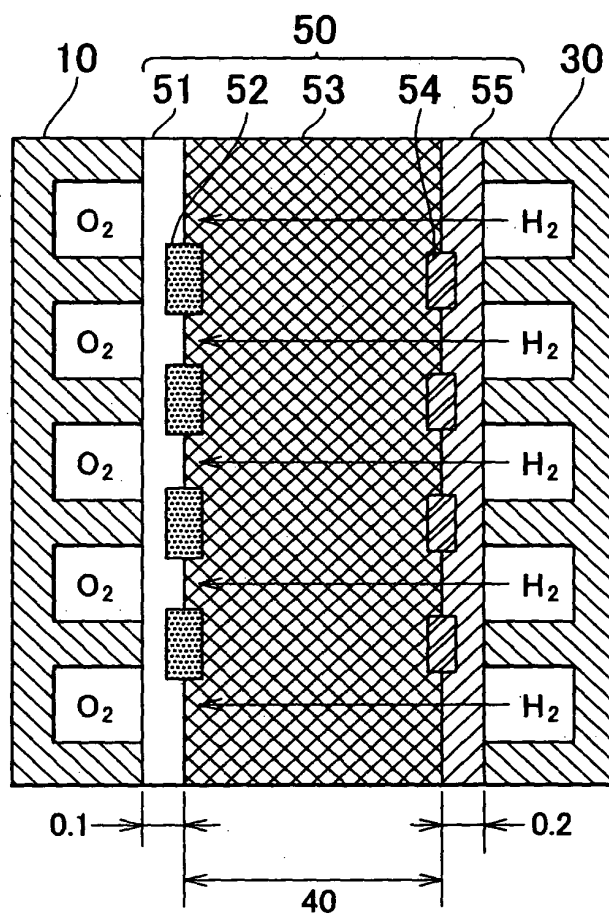


FIG. 12

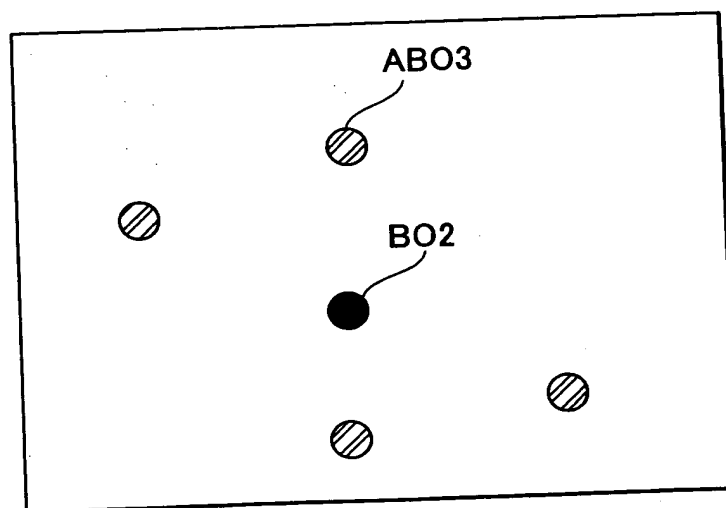
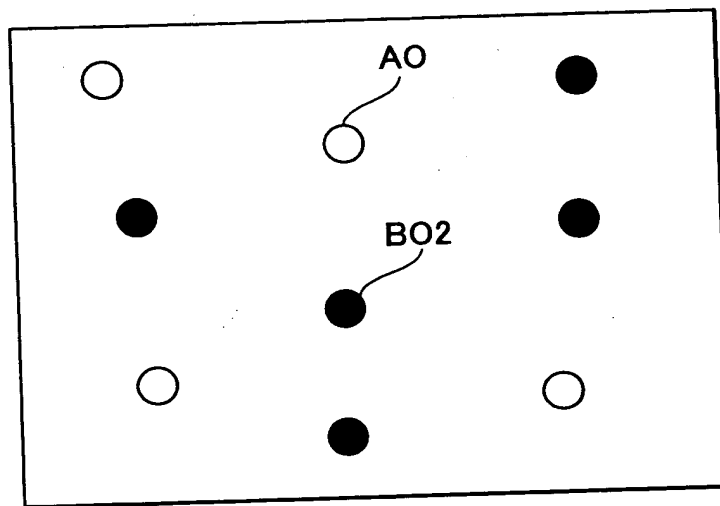


FIG. 13

